



FortiExtender Cloud Release Notes

VERSION 1.1.0

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FortiExtender Cloud 1.1.0 Release Notes

1st Edition

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Change log

Date	Change Description
07/21/2018	FortiExtender Cloud 1.1.0 initial release.

Introduction

Welcome, and thank you for choosing FortiExtender Cloud.

FortiExtender Cloud enables ultra fast deployment and simplified management of the FortiExtender equipped networks spread across various geographic locations. FortiExtender cloud has been designed with an intuitive single pane of glass management interface and workflow to reduce complexity, increase visibility and actionable insights. This combination allows for faster remote site bring-up with ease of troubleshooting leading to reduced total cost of ownership.

This Release Notes covers the enhancements and resolved issues of the FortiExtender Cloud 1.1.0 release.

Main features

FortiExtender Cloud offers the following main features:

Zero Touch Provisioning

FortiExtender Cloud provides a simple way to configure and deploy units with Zero Touch Provisioning (ZTP). With ZTP, users can create device templates, and use them to configure devices remotely. The first time the device is connected to the internet via the LAN port, FortiExtender Cloud will automatically configure the device using the created template.

Central monitoring

FortiExtender Cloud features Central monitoring. This gives users an overview of all devices in the cloud. Central monitoring displays the data in graph form, offering a high-level peek of criteria such as:

- Data usage by device
- Data usage by group
- Data usage by plan
- Data usage by carrier
- Device connectivity history
- 24 hour event tracker
- Device statuses

Device management

FortiExtender Cloud gives users the ability to see details of individual devices in the cloud, including:

- Device status
- Device connection information
- Device signal quality
- Device throughput
- Device events

Furthermore, users can perform remote management of the devices by:

- Rebooting the device.
- Resetting the device.
- Upgrading the device.
- Updating the device configuration.
- Using Out of Band Management.

Grouping

FortiExtender Cloud gives users the ability to put devices into groups. Users can group devices based on department, location, or in any other category. Furthermore, users can monitor devices as a group, as well as

reboot devices as a group.

API

FortiExtender Cloud features APIs that provide access to the FortiExtender devices on the cloud. These APIs provide retrieval of logs, device information, and group mappings.

Role Based Access Control

FortiExtender Cloud features Role Based Access Control, which allows administrators to select roles for users they add. Each role has different permissions. The Viewer role gives read only access, while the User role gives both read and write access.

What's new

This FortiExtender Cloud 1.1.0 release comes with the following new features and enhancements:

New features

- New SAML SSO and app banner.
- Bulk-Key support for devices registration.
- FortiGuard Cloud Integration which has added security features to allow FEXT devices to access the Internet through FortiGuard Cloud VPN tunnel (Available on the beta site only.)

Enhancements

This release has seen the following enhancements implemented in the Admin Portal:

- Get firmware name and platform directly from the OS image (You no longer need to enter them manually.)
- Operational portal on the admin site.
- Ability to search for cloud key, import and export objects
- User permission group and the Admin Portal navigation button allow authorized users to access the Portal from the FortiExtender cloud site.

Supported devices

FortiExtender Cloud supports FortiExtender devices with the following models and versions:

Device Model	Device Version
FEXT-40D-AMEU	v3.3 build number 429

NOTE: FortiExtender build number 429 can only be managed from the cloud and not from the FortiGate.

Licensing

FortiExtender Cloud provides full functionality, free of charge, for **ten** FortiExtender devices. You must purchase a license before you can add additional devices.

Contact your primary Fortinet Service Provider for more information.

Installation instructions

To access FortiExtender Cloud, go to <https://fortiextender.forticloud.com>.

For specific instructions on how to configure FortiExtender Cloud to work with your FortiExtender devices, refer to the FortiExtender Cloud Handbook: <https://docs.fortinet.com/d/fortiextender-cloud-1.0.0-handbook>.

Device troubleshooting

The following status and debug commands are accessible from the CLI prompt of the FortiExtender. Use these commands to check the device status and debug accordingly.

Status CLI Commands

<code>get system version</code>	Shows the device's hardware and software versions.
<code>get extender status</code>	Displays the device's synchronization status with FortiExtender cloud .
<code>get cpm status</code>	Provides the device's SSL tunnel information and connectivity status.
<code>get modem status</code>	Details the cellular modem's status.

Logging and Debugging

<code>execute debug log-to-console on</code>	Displays logs on telnet or the cloud console terminal.
<code>execute debug log-to-console off</code>	Turns off logs on telnet or the cloud console terminal.
<code>execute debug clear</code>	Turns off all enabled logging.
<code>execute debug EXTD info on</code>	Turns on extender information logging.
<code>execute debug EXTD info off</code>	Turns off extender information logging.
<code>execute debug CPM info on</code>	Turns on cpm information logging.
<code>execute debug CPM info off</code>	Turns off cpm information logging.
<code>execute debug CONNMGR info on</code>	Turns on modem's information logging.
<code>execute debug CONNMGR info off</code>	Turns off modem's information logging.

NOTE: The log-to-console commands shown above aren't required while accessing the device over the serial console port. They are applicable only to telnet or cloud console terminals .

Resolved issues

The following table lists the known issues that have been resolved in this patch release.

Resolved issues

Bug ID/Name	Description
0488281	Sometimes it may be difficult to delete text from the stock GUI.
GUI bugs	<ul style="list-style-type: none">• PIN configuration in the Plan• Infinite scrolling with only a small number of records• Coordination of search and filter on the home page• SIM card display issue on individual device page



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